

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,297,171 B2  
APPLICATION NO. : 10/666615  
DATED : November 20, 2007  
INVENTOR(S) : Anatoly Z. Rosenflanz

Page 1 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page, Column 1

Section (54), Line 3 of the Title, delete “NB<sub>2</sub>O<sub>5</sub>” and insert -- NB<sub>2</sub>O<sub>5</sub> --, therefor.

Title Page, Column 2

Under “Other Publications”, line 4, delete “Internet” and insert -- Interface --, therefor.  
Under “Other Publications”, line 17, after “Interactive” insert -- Internet --.

Title Page 3, Column 2

Under “Foreign Patent Documents”, line 51, delete “RU” and insert -- SU --, therefor.

Title Page 4, Column 1

Under “Other Publications”, line 3, delete “ptg.djnr.com/ccroot/asp/publib/story.asp”; and insert -- ptg.djnr.com/ccroot/asp/publib/story.asp”; --, therefor.  
Under “Other Publications”, line 15, delete “Feb. 2, 1999,” and insert -- Feb. 4, 1999, --, therefor.  
Under “Other Publications”, line 28, after “5245,” insert -- 5251, --.  
Under “Other Publications”, line 30, delete “152,” and insert -- 125, --, therefor.  
Under “Other Publications”, line 46, delete “pp.” and insert -- p. --, therefor.  
Under “Other Publications”, line 58, after “(1970)” insert -- , pp. --.

Title Page 4, Column 2

Under “Other Publications”, line 24, delete “REAlO<sub>3</sub>” and insert -- REAlO<sub>3</sub> --, therefor.  
Under “Other Publications”, line 61, delete ““Fundamentals” and insert -- “Fundamentals --, therefor.

Title Page 5, Column 1

Under “Other Publications”, line 7, delete “composited” and insert -- “composites --, therefor.  
Under “Other Publications”, line 56, delete “Particles,”filed” and insert -- “Particles”, filed --, therefor.

Title Page 5, Column 2

Under “Other Publications”, line 57, delete “Particles,”filed” and insert -- “Particles”, filed --, therefor.  
Under “Other Publications”, line 67, delete ““Power” and insert -- “Powder --, therefor.

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Column 1

In the Title, line 3, delete "NB<sub>2</sub>O<sub>5</sub>" and insert -- NB<sub>2</sub>O<sub>5</sub> --, therefor.

Column 2

Line 8, after "3", insert -- ) --.

Line 63, delete "CeAl<sub>O18</sub>," and insert -- CeAl<sub>11</sub>O<sub>18</sub>, --, therefor.

Column 3

Line 1, delete "Al<sub>2</sub>O<sub>3</sub> Y<sub>2</sub>O<sub>3</sub>" and insert -- Al<sub>2</sub>O<sub>3</sub>.Y<sub>2</sub>O<sub>3</sub> --, therefor.

Line 4, delete "Al<sub>2</sub>O<sub>3</sub> REO'" and insert -- Al<sub>2</sub>O<sub>3</sub>.REO" --, therefor.

Line 29, delete "Al<sub>2</sub>O<sub>3</sub> metal" and insert -- Al<sub>2</sub>O<sub>3</sub>.metal --, therefor.

Line 40, delete "Al<sub>2</sub>O<sub>3</sub> metal" and insert -- Al<sub>2</sub>O<sub>3</sub>.metal --, therefor.

Column 6

Line 38, delete "Al<sub>2</sub>O<sub>3</sub> metal" and insert -- Al<sub>2</sub>O<sub>3</sub>.metal --, therefor.

Column 7

Line 9, delete "HfO<sub>2</sub>" and insert -- HfO<sub>2</sub> --, therefor.

Line 29, delete "Y<sub>2</sub>O<sub>3</sub> metal" and insert -- Y<sub>2</sub>O<sub>3</sub>.metal --, therefor.

Column 9

Line 28, delete "SiO<sub>2</sub>," and insert -- SiO<sub>2</sub>, --, therefor.

Line 50, delete "can. be" and insert -- can be --, therefor.

Column 11

Line 12, delete "T<sub>x</sub>," and insert -- T<sub>x</sub> --, therefor.

Column 12

Line 14, delete "T<sub>x</sub>," and insert -- T<sub>x</sub> --, therefor.

Column 13

Line 37, before "least" delete "at".

Column 14

Line 11, delete "Tx" and insert -- T<sub>x</sub> --, therefor.

Column 22

Line 52, delete "tetrafluoroboate," and insert -- tetrafluoroborate, --, therefor.

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Column 25

Line 48, delete ““APA-0.5”from” and insert -- “APA-0.5” from --, therefor.

Column 26

Line 28, delete “Table 26,” and insert -- Table 2, --, therefor.

Column 28

Lines 37-38, delete “diffractometer (obtained)” and insert -- diffractometer obtained --, therefor.

Column 30

Line 32, delete “Ratio- $I_p/I_c$ ” and insert -- Ratio =  $I_p/I_c$  --, therefor.

Column 31

Line 22, in claim 2, delete “sample” and insert -- same --, therefor.

Line 23, in claim 2, delete “Ta<sub>2</sub>O.” and insert -- Ta<sub>2</sub>O<sub>5</sub>. --, therefor.

Column 32

Line 9, in claim 6, delete “AS<sub>2</sub>O<sub>3</sub>,” and insert -- As<sub>2</sub>O<sub>3</sub>, --, therefor.

Line 21, in claim 8, after “least” insert -- one --.

Line 39, in claim 11, after “Nb<sub>2</sub>O<sub>5</sub>” insert -- or Ta<sub>2</sub>O<sub>5</sub>, --.

Line 59, in claim 13, after “Ta<sub>2</sub>O<sub>5</sub>” insert -- , --.

Line 61, in claim 13, delete “GeO<sub>7</sub>,” and insert -- GeO<sub>2</sub>, --, therefor.

Line 66, in claim 13, delete “madc” and insert -- made --, therefor.

Column 33

Line 22, in claim 19, delete “is” and insert -- as --, therefor.

Line 31, claim 21, delete “heat-treating,” and insert -- heat-treating --, therefor.

Line 44, claim 21, delete “manner.” and insert -- manner, --, therefor.

Line 59, claim 23, delete “class” and insert -- glass --, therefor.

Line 64, claim 23, after “ZrO<sub>2</sub>” delete “,”.

Column 34

Line 54, claim 33, after “method” delete “of”.

Line 57, claim 33, delete “lass-ceramic,” and insert -- glass-ceramic --, therefor.

Line 58, claim 33, delete “bv” and insert -- by --, therefor.

Line 60, claim 33, after “ZrO<sub>2</sub>” insert -- , --.

Line 61, claim 33, delete “Nb<sub>2</sub>O<sub>5</sub>or” and insert -- Nb<sub>2</sub>O<sub>5</sub> or --, therefor.

Line 63, claim 33, delete “GEO<sub>2</sub>,” and insert -- GeO<sub>2</sub>, --, therefor.

Line 65, claim 33, after “Nb<sub>2</sub>O<sub>5</sub>” insert -- or Ta<sub>2</sub>O<sub>5</sub> --.

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Column 35

Line 1, claim 33, delete "heat-treatin," and insert -- heat-treating, --, therefor.  
Line 25, claim 39, delete "arnount" and insert -- amount --, therefor.  
Line 29, claim 40, delete "clain" and insert -- claim --, therefor.  
Line 38, claim 42, delete "commprising" and insert -- comprising --, therefor.

Column 36

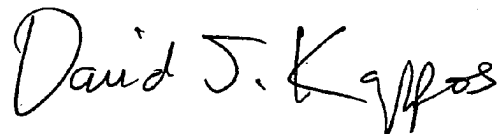
Line 31, claim 51, after " $\text{Nb}_2\text{O}_5$ " delete " ;".  
Line 41, claim 54, delete "prescnt" and insert -- present --, therefor.

Column 37

Line 3, claim 59, after " $\text{As}_2\text{O}_3$ ," insert --  $\text{B}_2\text{O}_3$ , --.

Signed and Sealed this

Twentieth Day of October, 2009

A handwritten signature in black ink, reading "David J. Kappos". The signature is written in a cursive, flowing style with a large initial 'D' and 'K'.

David J. Kappos  
*Director of the United States Patent and Trademark Office*